

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA-ASI BK - 1437261

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Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 20.0 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|---|
| Connection | If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load. |
| Color | black |
| Connection method | Manual solder/slip-on connection; 4.8 x 0.8 mm |
| Number of positions | 4 |
| Wrench size, union nut | 19 mm |
| Tightening torque, union nut | 3 Nm |
| Wrench size, contact carrier | 24 mm |
| Tightening torque contact carrier | 4.5 Nm |
| Tightening torque, counter nut | 4.5 Nm |
| Number of connections | 4 |
| Conductor cross section stranded min. | 0.75 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 18 |
| Conductor cross section AWG/kcmil max | 16 |

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Technical data

Conductor

| | |
|------------------------------------|-----------------|
| Wire diameter including insulation | 1.8 mm ... 3 mm |
|------------------------------------|-----------------|

Ambient conditions

| | |
|--------------------------------------|------------------|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C |
| Temperature when conductor connected | -5 °C ... 50 °C |

Electrical characteristics

| | |
|-----------------------------------|---|
| Rated current | 15 A |
| Rated voltage (III/3) | 500 V |
| Note on the rated voltage (III/3) | with insulating sleeve PT/FS 4,8. Without insulating sleeve 250 V AC. |
| Rated surge voltage (III/3) | 6 kV |

Mechanical characteristics

| | |
|------------------------|---|
| QUICKON connectability | 10 (For the same conductor cross section) |
| PC QUICKON thread type | M20 |
| Impact category | 3 |

Material data

| | |
|---|----------------------------------|
| Contact material | Copper alloy |
| Contact surface material | Pre-nickel plated and tin-plated |
| Contact carrier material | PA |
| Inflammability class according to UL 94 | V0 |
| Surge voltage category | III |
| Pollution degree | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 24190219 |
| eCl@ss 4.1 | 24190219 |
| eCl@ss 5.0 | 27400209 |
| eCl@ss 5.1 | 27400209 |
| eCl@ss 6.0 | 27400209 |
| eCl@ss 7.0 | 27440304 |
| eCl@ss 8.0 | 27440304 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000516 |
|----------|----------|

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000516 |
| ETIM 5.0 | EC000516 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / VDE Zeichengenehmigung / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| Nominal current IN | 15 A |
| Nominal voltage UN | 250 V |

| | |
|--|-------|
| cUL Recognized  | |
| Nominal current IN | 11 A |
| Nominal voltage UN | 250 V |

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Approvals

| | |
|----------------------------|----------|
| VDE Zeichengenehmigung | |
| mm ² /AWG/kcmil | 0.75-1.5 |
| Nominal voltage UN | 500 V |

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

Insulating sleeve

Insulating sleeve - PT/FS 4,8 - 1670497



Insulating sleeve, as touch protection, for 4.8 mm slip-on sleeves, slide onto the conductor before

Mounting material

Nut - Q-MU M20 - 1640702



Nut (plastic) to lock the contact carrier from the inside of the device

Socket spanner

Socket wrench - QSS 19 - 1670895



Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

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Accessories

Stripping tool

Stripping tool - WIREFOX ASI - 1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

Drawings

Dimensioned drawing

